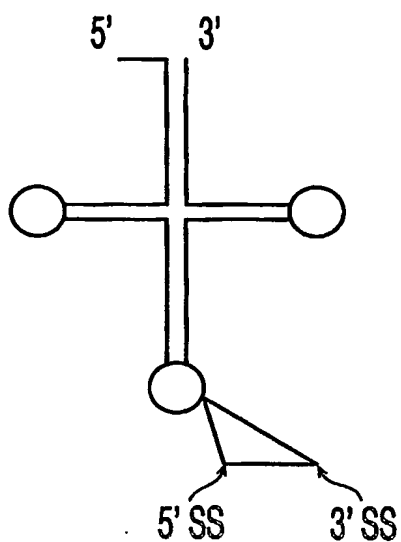
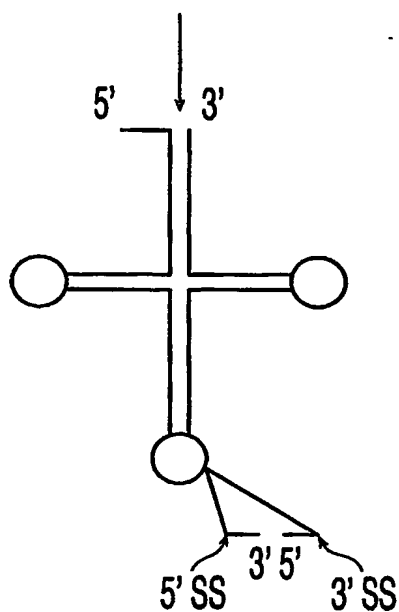
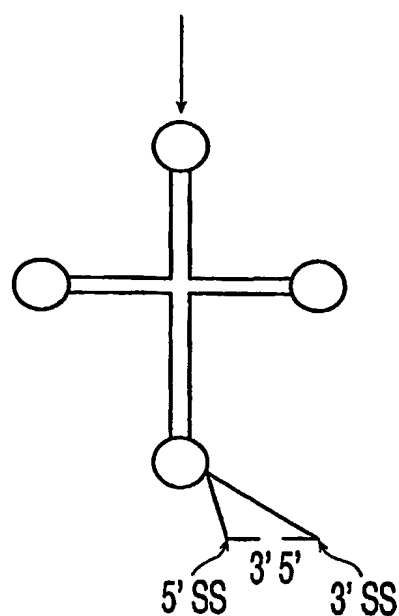


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HTS Fluorescent Screening*Fig. 1A**Fig. 1B**Fig. 1C*

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	1				50
Hs Sen2p	MAEAVFHAPK	RKRRVYETYE	SPLPIPGQD	HGPLKEFKIF	RAEMINNNVI
Hs Sen2 var.	MAEAVFHAPK	RKRRVYETYE	SPLPIPGQD	HGPLKEFKIF	RAEMINNNVI
Sc Sen2p	~~~~~	~~~~~	~~~~~	~~~~~	~~~~~
	51				100
Hs Sen2p	VRNAEDIEQL	YGKGYFGKGI	LSRSRPSFTI	SDPKLVAKWK	DMKTNMPI..
Hs Sen2 var.	VRNAEDIEQL	YGKGYFGKGI	LSRSRPSFTI	SDPKLVAKWK	DMKTNMPI..
Sc Sen2p	~~~~~	~~~~~	~~~~~	~MSKGRVNQK	RYKYPLPIHP
	101				150
Hs Sen2p	...ITSKRYQ	HSVEWAAELM	RRQGQDESTV	RRILKDYTKP	LE.HPPVKRN
Hs Sen2 var.	...ITSKRYQ	HSVEWAAELM	RRQGQDESTV	RRILKDYTKP	LE.HPPVKRN
Sc Sen2p	VDDLPELILH	NPLSWLYWAY	RYYKSTNALN	DKVHVDFIGD	TTLHITVQ..
	151				200
Hs Sen2p	EEAQVHDKLN	SGMVSNMEGT	AGGERPSVVN	GDSGKSGGVG	DPREPLGCLQ
Hs Sen2 var.	EEAQVHDKLN	SGMVSNMEGT	AGGERPSVVN	GDSGKSGGVG	DPREPLGCLQ
Sc Sen2p	DDKQMLYLWN	NGFFGT..GQ	FSRSEPTWKA	RTEARLGLND	TPLHNRGGTK
	201				250
Hs Sen2p	EGSGCHPTTE	SFEKSVR.ED	ASPLPHVCCC	KQDALILQRG	LHHEDGSQHI
Hs Sen2 var.	EGSGCHPTTE	SFEKSVR.ED	ASPLPHVCCC	KQDALILQRG	LHHEDGSQHI
Sc Sen2p	SNTETEMTLE	KVTQORRLQR	LEFKKERAKL	ERELLELRKK	GGHID.EENI
	251				300
Hs Sen2p	GLLHPGDRGP	DHEYVLVEEA	ECAMSEREA	PNEELVQRNR	LICRRNPYRI
Hs Sen2 var.	GLLHPGDRGP	DHEYVLVEEA	ECAMSEREA	PNEELVQRNR	LICRRNPYRI
Sc Sen2p	LLEKQRESLR	KFKLKQTEDV	GIVAQQQDIS	ESNLRDEDNN	LLDENGDLIP
	301				350
Hs Sen2p	FEYLQLSLEE	AFFLVYALGC	LSIYYEKEPL	TIVKLWKAFT	VVQPTFRTTY
Hs Sen2 var.	FEYLQLSLEEEPL	TIVKLWKAFT	VVQPTFRTTY
Sc Sen2p	LESLELMPVE	<u>AMFLTALPV</u>	<u>LDISPAFLAG</u>	KLFQFDAKYK	DIH.SFVRSY
	351				400
Hs Sen2p	MAYHYFRSKG	WVPKVGLKYG	TDLLIYRKGP	PFYHASYSVI	IELVDDHFEG
Hs Sen2 var.	MAYHYFRSKG	WVPKVGLKYG	TDLLIYRKGP	PFYHASYSVI	IELVDDHFEG
Sc Sen2p	VIIYHYRSHG	WCVRSGIKFG	CDYLIYKRG	PFOHAEFCV.	..MGLDH...
	401				450
Hs Sen2p	SLRRPLSWKS	LAALSRVSVN	VSKELMLCYL	IKPSTMTD..	...KEMESPE
Hs Sen2 var.	SLRRPLSWKS	LAALSRVSVN	VSKELMLCYL	IKPSTMTD..	...KEMESPE
Sc Sen2p	DVSKDWTWYS	..SIARVVG	AKKTFVLCYV	ERLISEQEAI	ALWKSNNFTK
	451		477		
Hs Sen2p	CMKRIKVQEV	ILSRWVSSRE	RSDQDDL		
Hs Sen2 var.	CMKRIKVQEV	ILSRWVSSRE	RSDQDDL		
Sc Sen2p	LSHGVSVI	LYHWVSRH	ED~(R		

Fig. 2